

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (Cancelled)

Claim 2 (Currently amended) A hose cartridge according of claim 6 claim-1 in which at least two lateral faces of said cartridge housing are provided each with a groove section for constituting said groove receiving said hose section.

Claim 3 (Currently amended) A hose cartridge for a peristaltic pump equipped with a roller wheel, the hose cartridge comprising:

a cartridge housing provided with a lateral recess, said recess being adapted to receive said roller wheel of said peristaltic pump when said hose cartridge is attached to said peristaltic pump;

said recess being delimited at least partially by an element essentially having the shape of a segment of a circle and said element comprising a groove extending at least along a portion of said element for receiving a hose portion;

said cartridge housing being provided with mounting means cooperating with said peristaltic pump;

said groove extending at least along a portion of said element for receiving a hose portion being extended to run along an outer face of said cartridge housing located opposite to said element essentially having the shape of a segment

of a circle such that the hose section to be received by said groove extends to said cartridge housing at the same side as it extends from said cartridge housing. A ~~hose cartridge according to 1 in which~~ three lateral faces of said cartridge housing are provided each with a groove section for constituting said groove receiving said hose section, whereby ~~said side the fourth lateral face of said cartridge housing is~~ provided with two support arms, the free end of each of said support arms being equipped with a hose take-up member for receiving and retaining fixing members or stoppers provided on said hose section.

Claim 4 (Original) A hose cartridge according to claim 3 in which each of said hose take-up members provided at the free ends of said support arms comprises two cutouts for receiving and retaining a two-part fixing member or stopper of said hose section.

Claim 5 (Original) A hose cartridge according to claim 4 in which a necking is provided between said two cutouts of said hose take-up members for clampingly fixing said fixing element or stopper of said hose section.

Claim 6 (Currently amended) A hose cartridge for a peristaltic pump equipped with a roller wheel, the hose cartridge comprising:
a cartridge housing provided with a lateral recess, said recess being adapted to receive said roller wheel of said peristaltic pump when said hose cartridge is attached to said peristaltic pump;

said recess being delimited at least partially by an element essentially having the shape of a segment of a circle and said element comprising a groove extending at least along a portion of said element for receiving a hose portion;

said cartridge housing being provided with mounting means cooperating with said peristaltic pump;

said groove extending at least along a portion of said element for receiving a hose portion being extended to run along an outer face of said cartridge housing located opposite to said element essentially having the shape of a segment of a circle such that the hose section to be received by said groove extends to said cartridge housing at the same side as it extends from said cartridge housing. A hose cartridge according to claim 1 in which said element essentially having the shape of a segment of a circle is constituted by a cantilever arm resiliently attached to said cartridge housing.

Claim 7 (Original) A hose cartridge according to claim 6 in which means are provided for delimiting the resilient deflection of said cantilever arm.

Claim 8 (Currently amended) A hose cartridge for a peristaltic pump equipped with a roller wheel, the hose cartridge comprising:

a cartridge housing provided with a lateral recess, said recess being adapted to receive said roller wheel of said peristaltic pump when said hose cartridge is attached to said peristaltic pump;

said recess being delimited at least partially by an element essentially having the shape of a segment of a circle and said element comprising a groove extending at least along a portion of said element for receiving a hose portion;
said cartridge housing being provided with mounting means cooperating with said peristaltic pump;
said groove extending at least along a portion of said element for receiving a hose portion being extended to run along an outer face of said cartridge housing located opposite to said element essentially having the shape of a segment of a circle such that the hose section to be received by said groove extends to said cartridge housing at the same side as it extends from said cartridge housing. A ~~hose cartridge according to claim 1 in which~~ said means for attaching said hose cartridge to said peristaltic pump comprises two pairs of legs, each of said leg pair being provided with at least one catch member.

Claim 9 (Original) A hose cartridge according to claim 8 in which said groove runs through said two pairs of legs, whereby said lateral recess provided in said cartridge housing is laterally delimited by said two pairs of legs.